

Schedule of work.

Name of work: Electrical Renovation of Room No-79 in the Main Building of IACS.

Item No.	Description.	Quantity.	Unit.	Rate.(Rs.)	Amount(Rs.)
1	Wiring for light point/fan point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit,with modular switch,modular plate, suitable GI box and earthing the point with 1.5 sq.mm.FRLS PVC insulated copper conductor single core cable etc.as required.				
	Group- C (as per CPWD categorization.)	12	Nos.		
2	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor,single core cable in surface/recessed medium class PVC conduit as required.				
a)	2X1.5 sq.mm.+1X1.5 sq.mm. earth wire.	110	Mtrs.		
b)	2X4 sq.mm.+1X4 sq.mm. earth wire.	170	Mtrs.		
3	Wiring for circuit/submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor,single core cable in surface/recessed medium class PVC conduit as required.				
a)	2X6 sq.mm.+1X6 sq.mm. earth wire.	130	Mtrs.		
4	Supplying and making end termination with brass compression gland and copper lugs for following size of PVC insulated and PVC sheathed /XLPE insulated copper conductor power cable of 1.1 KV grade as required.				
a)	2X6 sq.mm.+1X6 sq.mm. earth wire.	30	Nos.		
5	Supplying and laying of following size/modules GI box along with modular base & cover plate for modular switches in recess/surface etc. as required.				
a)	2 Modules(75mmX75mm)	9	Nos.		
b)	6 Modules(200mmX 75mm)	17	Nos.		
c)	8 Modules(125mm X 125 mm)	9	Nos.		
6	Supplying and fixing of following modular switch/socket on existing modular plate & switch box including connections but excluding modular plate etc. as required.				
a)	5/6 Amp switch	18	Nos.		
b)	15/16 Amp switch.	34	Nos.		
c)	3 pin 5/6 Amp socket outlet.	18	Nos.		
d)	6 pin 15/16 Amp socket outlet.	34	Nos.		
e)	Telephone socket outlet.	1	No.		

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7	Supplying and fixing of modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	10	Nos.		
8	Supplying and drawing of following pair 0.5 mm dia FR PVC insulated annealed copper conductor un-armoured telephone cable in the existing surface/recess steel/PVC conduit as required.				
a)	2 pair	20	Mtrs.		
9	Supplying and fixing of following size medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20 mm.	20	Mtrs.		
10	Supplying of 1X28 W Flurescent tube light fitting (as per Philips Miroalta slim Cat. No. TMS-540 1XTL5 28W HF/865 1X TL5 28W lamp or technically equivalent model of other approved manufacturer)	6	Nos.		
11	Installation,testing & commissioning of pre wired,fluorescent fitting/compact fluorescent fitting of all types,complete with all accessories and tube/lamp etc, directly on false ceiling/wall,including connections with 1.5 sq.mm. FRLS PVC insulated,copper conductor,single core cable and earthing etc.as required	6	Nos.		
12	Supplying and fixing of modular type 25A AC starter switch with GI box to be recessed/surface in wall including connections but excluding providing modular plate etc. as required.	4	Nos.		
13	supplying and fixing of 25 A shuttered socket on the existing modular plate & switch box including connections but excluding providing modular plate etc. as required.	4	Nos.		
14	Supplying & fixing of 25 A 3 pin plug top on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	4	Nos.		

Item No.	Description.	Quantity.	Unit.	Rate.(Rs.)	Amount(Rs.)
15	Supplying,installation,testing & Commissioning of analog type cronological 'daily time switch' capable to switch between 2 nos of 2 ton AC.	2	Nos.		
16	Supply,installation,testing & Commissioning of modular 25A, AC-3 category, 2NO power contactor with coil voltage of 230 V for AC timer, capable to switch between 2 nos. of 2 ton AC.	2	Nos.		
17	Supplying & fixing of 8 modular GI box along with modular base and cover plate for time switch & power contactor assembly for AC timer	2	Nos.		
18	Supplying & fixing following way horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/recess, complete with tinned copper bus bar, neutral bus bar, din bar interconnections, powder painted including etc. as required. (But without MCB/ RCCB/ Isolator)				
a)	6 Way (4+18) Double door.	1	No.		
19	Supplying & fixing 6A to 32 A rating, 240V/415V 10KA 'C' curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
a)	6A single pole MCB	7	Nos.		
b)	16 A single pole MCB	2	Nos.		
c)	20A single pole MCB	3	Nos.		
d)	32 A single pole MCB	6	Nos.		
20	Supplying & fixing of following rating 415V 10KA 'C' curve MCB suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required.				
a)	63 A Four Pole MCB	1	No.		
21	Supplying & fixing DP sheet steel enclosure on surface/recess along with 32 A 240V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	10	Nos.		
22	Supplying & making end termination with brass compression gland and 'Al' lugs for following size of PVC insulated & PVC sheathed /XLPE insulated 'Al' conductor power cable of 1.1 KV grade as required.				
a)	4X 16 sq. mm.	2	Nos.		
23	Supplying and fixing of single pole blanking plate in the existing MCB DB Complete etc. as required.	10	Nos.		
				Total	
Rupees.....Only					
NOTE: The quoted rate shall be inclusive of all taxes & duties, levies, cess etc i/c GST also. Nothing extra will be paid to the Contractor except the accepted rate.					
	GST No:				
	SAC code:				
	CGST@.....% considered in the above BOQ				
	SGST@.....% Considered in the above BOQ				

Signature of the Bidder with seal